

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

James Hunter Boone, et al.

Serial No. 10/656,034

Filed: September 5, 2003

Title: Method for Distinguishing
Ulcerative Colitis from
Crohn's Disease by Detecting
the Presence of Fecal Anti-
Neutrophil Cytoplasmic
Antibodies (ANCA)

Art Unit:

Examiner:

Attorney Docket: TLAB.100294

CERTIFICATE OF MAILING
37 C.F.R. 1.8

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Dear Sir:

In compliance with Applicants duty of disclosure pursuant to 37 C.F.R. Section 1.56, it is requested that this Information Disclosure Statement be entered and that the references listed below and on the enclosed Form PTO-1449 be considered by the Examiner and made of record. Copies of the above-referenced documents are enclosed.

U.S. PATENT NUMBER	ISSUE DATE	INVENTOR
5,359,038	October 25, 1994	Padron, Eloy
5,932,429	August 3, 1999	Targan, et al.
5,968,741	October 19, 1999	Plevy, et al.
6,218,129	April 17, 2001	Walsh, et al.

OTHER DOCUMENTS (Including Author, Title, Relevant Pages, and Place of Publication, Date)

R. Barnes, S. Allan, C. Taylor-Robinson, R. Finn, P. Johnson, "Serum Antibodies Reactive with <i>Saccharomyces cerevisiae</i> in Inflammatory Bowel Disease: Is IgA Antibody a Marker for Crohn's Disease? " <i>Int Arch Allergy Appl Immunol</i> (1990) 92, 9-15.
C. Faille, D. Mackenzie, J. Michalski, and D. Poulain, "Evaluation of an Enzyme Immunoassay Using Neoglycolipids Constructed from <i>Candida albicans</i> Oligomannosides to Define the Specificity of Anti-Mannan Antibodies" <i>Eur. J. Clin. Microbiol. Infect. Dis.</i> , (1992) May, 438-446.
M. Gjafer and C. Holdsworth, "Antibodies to <i>Saccharomyces cerevisiae</i> in patients with Crohn's disease and their possible pathogenic importance" <i>Gut</i> (1992) 33, 1071-1075.
S. Hanauer, "Inflammatory Bowel Disease" <i>The New England Journal of Medicine</i> (1996) 334, 841-848.
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C. Jongeneel, L. Briant, I. Udalova, A. Sevin, S. Nedospasov, and A. Thomsen, "Extensive genetic polymorphism in the human tumor necrosis factor region and relation to extended HLA haplotypes" <i>Proc. Natl. Acad. Sci. USA</i> (1991) 88, 9717-9721.
E. Lindberg, K. Magnusson, C. Tysk, and G. Jarnerot, "Antibody (IgG, IgA, and IgM) to baker's yeast <i>Saccharomyces cerevisiae</i> , yeast mannan, gliadin, ovalbumin and betalactoglobulin in monozygotic twins with inflammatory bowel disease" <i>Gut</i> (1991) 909-913.
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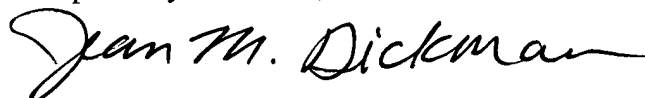
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H. Yang, J. Rotter, H. Toyoda, C. Landers, D. Tyan, C. McElree, and S. Targan, "Ulcerative Colitis: A Genetically Heterogeneous Disorder Defined by Genetic (HLA Class II) and Subclinical (Antineutrophil Cytoplasmic Antibodies) Markers" <i>The American Society for Clinical Investigation, Inc.</i> (1993) 92, 1080-1084.
C. Young, A. Sonnenberg, and E. Burns, "Lymphocyte Proliferation Response to Baker's Yeast in Crohn's Disease" <i>Digestion</i> (1994) 55, 40-43.
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C. Darroch, S. Christmas, and R. Barnes, " <i>In vitro</i> human lymphocyte proliferative responses to a glycoprotein of the yeast <i>Saccharomyces cerevisiae</i> " <i>Immunology Letters</i> (1994) 81, 247-252.
B. Heelan, S. Allan, and R. Barnes, "Identification of a 200-kDa glycoprotein antigen of <i>Saccharomyces cerevisiae</i> " <i>Immunology Letters</i> (1991) 28, 181-186.
C. Galperin and M. Gershwin, "Immunopathogenesis of Gastrointestinal and Hepatobiliary Diseases, <i>JAMA</i> , (1997) 278, 1946-1955.
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N. Oshitani, et al., <u>IgG subclasses of anti <i>Saccharomyces cerevisiae</i> antibody in inflammatory bowel disease</u> ; Blackwell Science Ltd., <i>European Journal of Clinical Investigation</i> , Vol. 31, pp. 221-225, 2001.

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIAL	PUBLICATION NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS
	WO 99/60403	25 November 1999	PCT	G01N 33/564, 33/569	
	WO 97/39356	23 October 1997	PCT	G01N 33/564	
	WO 98/46997	22 October 1998	PCT	G01N 33/53, C12Q 1/68	
	WO 01/11334 A2	15 February 2001	PCT	G01N	

Respectfully submitted,

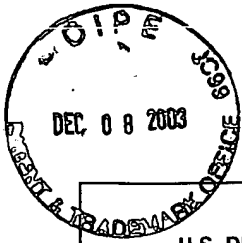


Jean M. Dickman
Reg. No. 48,538

JMD/nlm

SHOOK, HARDY & BACON L.L.P.
2555 Grand Boulevard
Kansas City, Missouri 64108
(816) 474-6550

Attorney Docket No. TLAB.100294



PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket No.: TLAB.100294	Serial Number: 10/656,034
Applicant: James Hunter Boone, et al.		
Title: Method for Distinguishing Ulcerative Colitis from Crohn's Disease by Detecting the Presence of Fecal Anti-Neutrophil Cytoplasmic Antibodies (ANCA)	Filing Date: September 5, 2003	Group:

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	WO 98/46997	10/22/1998	PCT		G01N 33/53, C12Q 1/68		
	WO 01/11334 A2	02/15/2001	PCT		G01N		

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.	